

that every billet of the population has a composition (in wt %) of:

| Constituent | Range      |
|-------------|------------|
| Fe          | <0.35      |
| Si          | 0.20 - 0.6 |
| Mn          | <0.10      |
| Mg          | 0.25 - 0.9 |
| Cu          | <0.015     |
| Ti          | <0.10      |
| Cr          | <0.10      |
| Zn          | <0.03      |

balance Al of commercial purity.

--10. A method of making an extruded section comprising  
(a) producing a population of aluminum alloy billets comprising performing more than one cast of metal from a body of molten metal comprising virgin metal and recycled scrap wherein said body has a composition within a specification such that every billet of the population has a composition (in wt %) of:

| Constituent | Range      |
|-------------|------------|
| Fe          | <0.35      |
| Si          | 0.20 - 0.6 |
| Mn          | <0.10      |
| Mg          | 0.25 - 0.9 |
| Cu          | <0.015     |
| Ti          | <0.10      |
| Cr          | <0.10      |
| Zn          | <0.03      |

balance Al of commercial purity; and

(b) extruding a billet taken from said population of billets.

--11. A method as claimed in claim 10, including the step of aging the extruded section by heating at 150° - 200°C for a time to develop peak strength.

--12. A method as claimed in claim 10, wherein the extruded section is etched to develop a matte surface and then anodised.

--13. A method of producing a population of aluminum alloy billets comprising performing more than one cast of metal from a body of molten metal comprising virgin metal and recycled scrap wherein said body has a composition within a specification such that every billet of the population has a composition (in wt %) of:

| Constituent | Range       |
|-------------|-------------|
| Fe          | 0.16 - 0.35 |
| Si          | 0.4 - 0.6   |
| Mn          | 0.01 - 0.05 |
| Mg          | 0.35 - 0.6  |
| Cu          | <0.010      |
| Ti          | <0.05       |
| Cr          | <0.09       |
| Zn          | <0.03       |

balance Al of commercial purity.

--14. A method of making an extruded section comprising  
(a) producing a population of aluminum alloy billets comprising performing more than one cast of metal from a body of molten metal comprising virgin metal and recycled scrap wherein said body has a composition within a specification such that every billet of the population has a composition (in wt %) of:

| Constituent | Range       |
|-------------|-------------|
| Fe          | 0.16 - 0.35 |
| Si          | 0.4 - 0.6   |
| Mn          | 0.01 - 0.05 |
| Mg          | 0.35 - 0.6  |
| Cu          | <0.010      |
| Ti          | <0.05       |
| Cr          | <0.09       |